2: Murra E-4 (no date) 1943 SD6 Cayapa SD6

back an exhaustive account of their subsistence pattern and material culture as well as considerable data on religion and ceremonial life. According to modern interests, the report is weak in life-cycle data and economics, and a serious drawback is the almost complete lack of comparative considerations. Moreover, it describes a culture with marked European influences. Nevertheless, at this writing, it remains one of our most complete accounts of an aboriginal South American group. The remaining titles in the bibliography refer to linguistic treatises, hearsay accounts, and phantasies of hurried travelers.

The inaccessibility of their habitat facilitated the *Cayapa's* survival into the 20th century, but it also prevented most chroniclers from visiting their land. Early references to naked and painted Indians living along the Patia River in large houses on tall poles and wearing gold ornaments might refer to the *Cayapa* or to some other *Chibchan* people. Jijón y Caamaño (1940–45, vol. 2) has reproduced fragments from an unpublished Cabello Balboa chronicle discussing the people of Esmeraldas Province during the 16th century. Among the peoples figuring prominently in Cabello Balboa's report are the *Nigua*, an Indian group inhabiting traditional *Cayapa* territory. Jijón y Caamaño's suggestion (1940–45, vol. 2) that the *Nigua* and *Cayapa* are one people seems tentatively acceptable.

Both peoples claimed to have descended from the Andean Highlands, though it is unclear if they were refugees from the *Inca* or Spanish invasions. As reported by Barrett, this tradition is very strong even now, four centuries after the Conquest, permeating various divergent activities of the *Cayapa*, who date many techniques and artifacts in terms of pre- or post-migration practices. In 1907 Beuchat and Rivet had pointed to toponymic and archeological similarities between Esmeraldas Province and the *Cara* country in the Highlands. Later work by Jijón y Caamaño (1912, 1919, 1940–45, vol. 2) has strengthened the case for *Chibchan* affiliation of the *Cara* language and given a measure of confirmation to native tradition.

CULTURE

SUBSISTENCE ACTIVITIES

Agriculture is the main occupation of the *Cayapa*, although fishing and hunting supply a large percentage of their food. Each house is surrounded by clearings and fields, and additional clearings are customarily made away from the river, in the bush. Most families have fields of plantains, bananas, sugarcane, coca, and sweet manioc (yuca); in addition, cotton, tobacco, maize, yams, and pineapples are frequently cultivated. Many wild plants are encouraged through weeding and other care.

Plantains (pl. 60, *bottom, right*) form the staple food of the *Cayapa*, and each family will have several acres planted to this perennially ripening fruit. Bananas are fed to the hogs and cover an acreage almost as large as that of the plantain.

of the population of the Río Cayapas up to Sapallo Grande was Negro. Isolated Negro enclaves are found today as far up as San Miguel. Negroes tend to live in village settlements, some of which are of political and/or economic importance, while the Cayapa live scattered along the river banks. The town of San José, which lies a few miles below the Río Cauerones, is the administrative center for the area. San Antonio, which is located a few miles above Punta Venado, is of considerable commercial importance as it is readily accessible to the small coastal vessels engaged in the banana trade.

The most characteristic feature of the area is its riverine quality, and settlement and movement centers on the rivers for both Indians and Negroes. The large hilly land areas between the rivers are completely uninhabited, and the dense jungle growth makes foot travel exceedingly difficult. Except for short hunting trips or to secure trees for the making of canoes, the jungle or monte is avoided. The river, on the other hand, is open and free. The river scene is seldom a quiet one. People going down stream maneuver their canoes into mid-channel, taking full advantage

of the current. Those going up-stream hug the bank as the pilot digs the tip of his oar blade into the bank, or if the channel is shallow enough, into the bed, and then, placing both hands about ten feet up the oar handle, he shoves back, sending the canoe ahead.

Farm land lies at varying distances back from the river. Each house is backed by a clearing which is used for garden crops or sugar cane. The main farm lands extend back from the river from one to three miles. Flat land is at a premium, and the cultivators work up and down the many hills.

Cayapa Physical Appearance. Although no systematic measurements were made, it was apparent from gross observations that Barrett's (1925:408-441) measurements are still valid. He described the Cayapas as short:

> . . . the men averaging only 155 cm. and the women only 146 cm. The range of individual variation among the men, as also among the women, is 14 cm. Among the men there are at least a few individuals who appeared to be somewhat taller than the maximum here given, but as a tribe the Cayapa must be considered somewhat below average in stature (Barrett 1925:409).

They appear to be mostly brachycephalic. The hair is thick, coarse, black and straight; their skin, light

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CHAPTER V

LAND, PROPERTY AND INHERITANCE

Land is the basis of the Cayapa economy. The region, undefined and unsurveyed, has been deeded to the Cayapa as a tribe. Negroes and Whites who desire land must purchase it from an Indian in order to have a clear title. The title is for the land itself and not just for usufruct. The Cayapa may obtain land by cutting it out of the virgin forest (monte virgen). He may buy it or he may inherit it. More land is available for subsistence farming than for other purposes. For the cash crop of bananas the land must be of good quality, well drained, and within easy access of a navigable stream that flows into the main river body traveled by la Propaganda, the banana buyers. In addition, the grower must be able to meet the banana boat on schedule. A stand of rubber trees will also increase the value of the land. Rubber is sold in Colombia where, traditionally, the price is higher than in Ecuador and retail prices on consumer items wanted by the Cayapa are cheaper. Once a year, as a rule,

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Once a year, as a rule,

groups of Cayapa will band together for protection against the cutthroats and brigands that infest the coastal regions. Load their canoes with as much rubber as they have been able to collect, and set off in small flotillas. Sometimes they are joined by a few Negroes. Bringing rubber into Colombia in this manner is illegal and it is also illegal to bring back Colombian goods into Ecuador. The Cayapa are very conscious of the illicit nature of the activity and the trip to them is a big adventure. Rubber is their only economic product that is of value in Colombia. The price varies from year to year, but generally fluctuates around the equivalent of thirty dollars U. S. per one hundred pounds. Unfortunately, rubber trees are subject to poaching.

If the land is sufficiently remote, it may be good for raising pigs. (Remoteness lessens the possibility of theft.) Fruit trees are very often planted by women when they marry. The most popular fruits are chirimoya, a kind of custard apple, oranges and papayas. Large sections are planted to the tagua palm that, at one time, was as important economically as the banana is today. The tagua nut is only a minor item in the